

MATERIAL SAFETY DATA SHEET

MSDS Number: TC001000

Revision Date: March, 2001

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: EPOCH Composite Lumber

USE & DESCRIPTION: Decking & Fencing Material

CHEMICAL FAMILY: None

MANUFACTURED FOR:

EMERGENCY TELEPHONE NUMBERS:

EPOCH Composite Products, Inc. General Information: 1-800-405-0546 (8 a.m. - 5 p.m. EST)

P.O. Box 567

1-417-624-6644 (8 a.m. - 5 p.m. CST)

Lamar, MO 64759

Chemtrec: 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

			Exposure Limits*				
Components	CAS No.	% by Wt	OSHA		ACGIH		
			TWA	STEL	TWA	STEL	Unit
Polyethylene	None	40-60	NE	NE	NE	NE	
Wood Fiber Dust	NE	40-60					
Certified Hardwood	NE		5	-	-	-	-
Softwood	NE		5	-	-	-	-
Western Red Cedar	NE		2.5	-	-	-	-
Softwood	NE		-	-	5	10	-
as Beech/Oak Cert.	NE		-	-	1	-	-
Hardwood							
Coloring Agent	NE	0-5	-	-	-	-	-

* See Section 8 for additional relevant exposure limits. Limits are shown for guidance only. Follow applicable regulations.

NE = Not established

3. HAZARDS IDENTIFICATION

U.S. OSHA Hazard Communication Standard: This product may be used in applications that produce wood fibers. According to OSHA 29 CFR 1910.1200, certain wood fibers are considered hazardous if the workplace airborne concentration exceeds the OSHA or ACGIH exposure limits (see section 8).

HMIS Rating: Health - Flammability - Reactivity -	NFPA Rating: Health - 0 Flammability - 1 Reactivity - 0
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Potential Health Effects

Effects of Overexposure: Dust can irritate nose, throat and respiratory tract and cause irritation in the eyes. Repeated exposures to certain wood dusts can produce allergic skin and respiratory reactions including asthma and rhinitis. Inhalation of certain wood fibers can cause nasal cancer

4. FIRST AID MEASURES

EYE CONTACT

Flush with water. If irritation occurs, contact appropriate health care professional.

SKIN CONTACT

Wash with soap and water.

SKIN ABSORPTION

N/A

INGESTION

Not expected to be a problem when ingested.

INHALATION

Remove person to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD)

>370 ° F (COC)

FLAMMABLE LIMITS (% VOLUME IN AIR - SOLVENT COMPONENT)

Lower = N/A

Upper = N/A

AUTOIGNITION TEMPERATURE

395 ° F

EXTINGUISHING MEDIA

Use water or appropriate fire extinguisher

SPECIAL FIRE FIGHTING PROCEDURES

Fire fighters must use self-contained breathing apparatus in enclosed area.

UNUSUAL FIRE OR EXPLOSION HAZARDS

Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion.

6. ACCIDENTAL RELEASE MEASURES**PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED**

Wet dust down and sweep or vacuum for disposal.

WASTE DISPOSAL METHODS

Dispose in accordance with applicable Federal, State, and Local regulations

7. HANDLING AND STORAGE**STORAGE TEMPERATURE**

N/A

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Composite Lumber is heavier than traditional lumber products, proper handling is required to prevent damage or injury. Do not use as firewood or burn scraps.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**RESPIRATORY PROTECTION**

Approved dust respirators must be used for dusty conditions or if breathing of dusts is likely

EYE PROTECTION

Safety glasses with side shields, or goggles, should be worn to protect against dust particles.

SKIN

No special equipment required. Good personal hygiene practices should always be followed.

VENTILATION

Use in well ventilated area.

EXPOSURE GUIDELINES

Additional potentially relevant exposure limits are listed below: Limits are shown for guidance only. Follow applicable regulations.

Components	CAS No.	Exposure Limits				
		OSHA		ACGIH		
		TWA	STEL	TWA	STEL	Unit
Wood Fiber Dust						
Certified Hardwood	NE	5	-	-	-	-
Softwood	NE	5	-	-	-	-
Western Red Cedar	NE	2.5	-	-	-	-
Softwood	NE	-	-	5	10	-
as Beech/Oak Cert.	NE	-	-	1	-	-
Hardwood						

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR

light brown to light gray solid. No odor

BOILING POINT

N/A

PH

N/A

MELTING POINT

>120 ° C

SPECIFIC GRAVITY

VAPOR PRESSURE

mmHg 20 ° C

VAPOR DENSITY (AIR = 1)

NE

% VOLATILE, BY VOLUME

NE

SOLUBILITY IN WATER

Negligible

EVAPORATION RATE (BUTYL ACETATE = 1)

NE

OTHER PHYSICAL AND CHEMICAL DATA

10. STABILITY AND REACTIVITY

STABILITY

Stable

CONDITIONS TO AVOID

Heat and flame. Do not allow dust to build up in enclosed areas.

HAZARDOUS POLYMERIZATION

None

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS

Smoke, Carbon Monoxide, Acetaldehyde, Formaldehyde, Formic Acid, Acetic Acid

11. TOXICOLOGICAL INFORMATION

IARC has determined that there is sufficient evidence to classify wood fiber as a human carcinogen. When wood fiber is incorporated into a polymer matrix exposure is virtually eliminated.

12. ECOLOGICAL INFORMATION

Not Established

13. DISPOSAL CONSIDERATIONS

RCRA Information: The unused product, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor does it contain raw materials that are listed hazardous wastes. It does not exhibit the

hazardous characteristics and does not contain Toxicity Characteristic Leaching Procedure (TCLP) compounds.

14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME

Not regulated

DOT HAZARD CLASSIFICATION

Not regulated

DOT LABELING REQUIREMENTS

Not regulated

UN/NA NUMBER

Not regulated

PLACARDS

Not regulated

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA)

N/A

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA)

N/A

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III

Contains no "Extremely Hazardous Substances"

SECTION 311/312 HAZARD CATEGORIES: None

CALIFORNIA PROPOSITION 65

No labeling required.

16. OTHER INFORMATION

Preparation Date: July, 2000

Replaces: None

Disclaimer of Liability

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